



FENDER WASHERS

Bolt Size	Inside Diameter (± .010)	Outside Diameter (± .010)	Thickness		Approximate Number in 50 Pounds (Steel)
			Max	Min	
10	7/32	11/16	.080	.051	9530 *
10	7/32	3/4	.080	.051	8000
10	7/32	7/8	.080	.051	5000
10	7/32	1	.080	.051	3500
10	7/32	1-1/4	.080	.051	3000
10	7/32	1-1/2	.080	.051	1760 *
10	7/32	2	.080	.051	796
1/4	9/32	1	.080	.051	3750
1/4	9/32	1-1/4	.080	.051	2300
1/4	9/32	1-1/2	.080	.051	1550
1/4	9/32	1-3/4	.080	.051	1100
1/4	9/32	2	.080	.051	810
5/16	11/32	1	.080	.051	4670 *
5/16	11/32	1-1/4	.080	.051	2400
5/16	11/32	1-1/2	.080	.051	1600
5/16	11/32	2	.080	.051	820
5/16	11/32	2-1/2	.080	.051	500
3/8	13/32	1-1/4	.080	.051	2350
3/8	13/32	1-1/2	.080	.051	1650
3/8	13/32	1-3/4	.080	.051	1130
3/8	13/32	2	.080	.051	1000
3/8	13/32	2-1/2	.080	.051	512
1/2	17/32	1-1/4	.080	.051	3000
1/2	17/32	1-1/2	.080	.051	2000
1/2	17/32	1-3/4	.080	.051	1145
1/2	17/32	2	.080	.051	950
1/2	17/32	2-1/2	.080	.051	668
1/2	17/32	3	.080	.051	355
5/8	11/16	1-1/4	.084	.074	3590 *
3/4	13/16	2 (± .015)	.080	.051	1155 *
7/8	15/16	2-1/2 (± .015)	.118	.101	715 *

*Represents a count based on stainless steel washers.

Description	A flat washer with significantly more surface area than a USS or SAE washer. They are also made from a thinner gauge metal than most flat washers.	
Applications/ Advantages	Used where an extra wide bearing surface is required. Originally designed for auto body repair work, they are also used in sheet metal, plumbing, and electrical work. Also used to attach signs to posts, to install drywall and wood paneling.	
Material	Steel	Stainless
	Washers shall be punched from hot-rolled, hot-rolled and pickled or cold-rolled steel, or shall be machined from bar stock or tubing, or may be forged at the manufacturer's option.	18-8 or 316 Stainless steel
Plating	Fender washers are usually provided zinc plated or with no finish.	Parts are usually supplied with no additional finish.